FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: August 17, 1993 Date Received: August 13, 1993

Project: 7238, Metro Self-Monitor, PO #M30413

Date Extracts Analyzed: August 13, 1993

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR CHROMIUM, COPPER, NICKEL AND ZINC Samples Processed Using Method 3005 per Washington DOE Guidelines

Results Reported as mg/L (ppm)

Sample ID	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>	
M30413	0.5	0.3	0.5	0.2	
Quality Assurance					
Blank	<0.05	<0.05	<0.05	<0.05	
M30413 (Duplicate)	0.5	0.3	0.5	0.2	
M30413 (Matrix Spike) % Recovery	104%	98%	107%	113%	
M30413 (Matrix Spike Duplicate) % Recovery	107%	106%	110%	115%	
Spike Blank % Recovery	112%	108%	120%	120%	
Spike Level	5	5	10	5	

FRIEDMAN & BRUYA, INC. 3008-B 16th Avenue West Seattle, WA 98119

8 BTB A 08/13/93 11:12 a

SAMPLE CHAIN OF CUSTODY

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end Report To:	M COPPER	Worke	Contact	Gerla	Tho	40006355		
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ity, State, Zip 5E011 & hone # (106) 623-68	WD. 9812	4		@ 12 02				
hone # 106 623 - 58	00		Duted	9-13-93				
SITE NO.	PROJECT NAME			PURCH	ASE ORDI	ER#		
7238	METRO SELF	TRO SELF. MONITOR			M 304/3			
SAMPLERS (signature)				PROJECT LOCATION				
2/154				3200 GH AVE. SOUTH				
REMARKS				SAMPL	E DISPOS	AL INFORM.		
, s****.		,			Dispose after 30 days Return Samples Call for Instructions			
SAMPLE #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample #		lyses uested		
M 30413	8/12/93 7:30	WATER	1	42813	Car	Cu, Ni, Z	J I	
					 			
			 					
					 			
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SIGNATURE	PRINT NAME		сомг	ANY	1	Date	Time	
Relinduished by:	> Service 1	Zungson	ALDERO	N Corner	Works	8/13/93	10:59 An	
Received by:	Switt Ko	Scott Koch		FBI			011:00a	
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Received by:								
								

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282

DUPLICATE COPY

3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

August 17, 1993

INVOICE #93ACU0817-1

Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project 7238, Metro Self-Monitor, PO #M30413: Results of testing requested by Gerry Thompson, Project Leader and submitted on August 13, 1993.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

August 17, 1993

Gerry Thompson, Project Leader Alaskan Copper Works 628 South Hanford Seattle, WA 98134

In Dan for

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on August 13, 1993 from Project 7238, Metro Self-Monitor, PO #M30413.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

Bradley T. Benson

Chemist

BTB/dp

Enclosures